ISSUE SLIP STAPLE AREA (for additional cross references)

| P SITION | INITIALS | ID NO. | DATE |
|---------------------|----------|--------|----------|
| FEE DETERMINATION | T |) | |
| O.I.P.E. CLASSIFIER | | 10/ | 10/21 |
| FORMALITY REVIEW | n. | 40/ | 1217.610 |

INDEX OF CLAIMS

| Rejected | , N | Non-elected |
|------------------------------|-----|--------------|
| = Allowed | | Interference |
| — (Through numeral) Canceled | | Appeal |
| ÷ | | Objected |

| i), | | | 1 | | 1 | | | | | | | | ••••• | •••• | | , , | | Hes | tric | ted | ۱ . ٠. | • | | ,0 | | **** | |
|--|-----|-------------|-----|--------------|------|-------|------------|--------------|---------------|------------|--------------------------|---|---------------|------|--------------|------------|----------|--|---------|-----------|--|----------------|--------------------|-----------|-----------|-------------------|--------------|
| ľ | Cla | im | Ī | .10 | | 70 | | : D | ate | , ,, | 4 | 1.5 | i. | ٦ |) | ſ | lain | π | | | | D | ate | | | _ | _ |
| Γ | | - C | | M | | . ; | | ,- | T | - | 1. | T | • 7 | | | 1 | ž. | | 4 | T | Т. | <u>. T</u> | T | Т. | 7 | T | Т |
| | 릵 | -Songinal - | | 2 | | | L | | ٠, | | | 4 | T. | | | 1 | | 26/ | 3 | 1 | | | : | ı | | | İ |
| | Ē | δ | h | អាៈ | | Ś | 3.7 5.7 | | | 1 | 上 | | 1: | 1 | ٤, | 1 | 2 8 | 5 19 | 1 | | 1 | 1 | . . | 1 | .1 | | - |
| | ା | C | Ŀ | ł. | | 90 | | Ŀ | | 3 | 1 | | 1 | | 4 | ,[| 5 | 1 1 | T | 7 | \top | Τ. | | 十 | \top | 十 | 7 |
| | | 2 | L | Ş | | • | | | | | | Ţ | |]` | | | 5 | 2 1 | Τ | T | | 1- | 1 | | ✝ | 1 | † |
| | | , 3 | Ц | V. | | ١. | Ŀ | | 1 | | | 1 | Т | ٦, | | , [| 5 | 3 4 | | $\sqrt{}$ | | Т | .] | Т | 7 | Τ | \top |
| 1 1 | - | 4 | Ľ | 1 | _ | | | | | | | ľ | | Ξ. | 4 | L | 5 | | 1 | Ŀ | | Γ | $oxed{\mathbb{L}}$ | Τ | | T | T |
| | | 15 | 0 | - | | 2.5 | : | - | 1 | 1 | 1 | | 1 | | 1 | L | 5 | 5 | .: | 1 | L | . , | | ~ | Ŀ | T | Τ |
| | | (6 | Ц | - | | V. 2 | 3. | Ŀ | 10 | | 1. | 1 | 1: |]′ |) . , , | | 56 | | | | <u> </u> | L | | \perp | Ŀ | L | \mathbf{I} |
| 1 | | 7. | N | | | lei. | S. | | | | * | - | 10 | ١. | | | - | | 1. | , | \perp | | <u>: ا</u> | 12 | | | 1 / |
| Ļ | | ٩ | Ļ | | | Ŧ, | 2.5 | | | - | | 1 | | 4 | | | - | - | L | Ŀ | 1 | L | L | <u> </u> | 上 | <u>"</u> | 1 |
| Ų | | 9 | Н | 9 1 | | | , | 16 | [:: | | - | | 1 | ٦, | ÷ | | 59 | - | 1: | Ļ, | L | 1 | <u> </u> | 1. | 4. | 上 | 4. |
| 3 | | 10 11 | Н | \$ 3 \$ 5 | 2 0 | 1 | 锁 | | | ¥ | 1 | - | - | 4, | | | 60 | _ | 1 | L | 1 | 1: | ┺ | | 1 | 1 | ¥ |
| 73 | | 12 | Н | \$ \$ | _ | × (*) | 海水 | | 4. | | | 1. | _ | Į, | | - | 6 | _ | | 1 | 4. | ╀ | 1 | 1 | L | · i | 1 |
| 1 | | 13 | 7 | () 图 | | | 3) | | | | | | | 4 | 4 | L | 62 | | Ļ | - | 1 | با | 1 | <u> </u> | L | 1 | 1 |
| 3 | | <u>)</u> | 1 | 1 8 | | ٠ S | 30 | , j | 7 | , | | Ľ | 7 | Į, | i Sie | | 63 | | | Ŀ | 1. | 1.77 | 1.0 | | 1 | | 1 |
| 3 | | 15 | 10 | 1 | | * | 総 | 相從 | (A) | 10 | - | . 3 | | | r, | - | 64 | + | | : | 12. | - | | 3. | | 1 | Ľ |
| 3 | 1 | 6 | Ŧ | 1 | | | 常 | | | | Υ. | - | | _ ^ | 4 | 1. | 65 | + | | 1 | 1 | | | ļ., | | 1 | 1 |
| 2 | | 7 | ä | 13 | | | ing (h) | 14 | 数 | | 2.4 | | _ | 4 |) | | 66 67 | + | 2.0 | Ľ | 1 | 24 | 1.7 | - | :: | | 1: |
| 加 | | e | ٦ | 15 | | 7 | 7 | 100 | 4. | | 越渡 | | | ŀ | | | 68 | - | . 2 | | 7.* | 1 | | 7 | _ | | 1 |
| 8 | | ð | 7 | 1 | | | *** | | 2 m | 7.4 | 2.5 | - | | 1: | k | | 69 | | | 103 | 1 - | 1/51 | 17. | " | , P | - | 12 |
| 100 | | 0 | | | | ٠ | 路 | 47 | 心 | | | 3.4 | | 10 | | 35 | - | 30 | - | 7.1 | - | | i _v | ÷ | 1 | 13. | Ľ |
| 機 | | | 2 B | | | 3 | | 強 | 3 | 6.4 | 100 | | | | | ** | 70 | - | . * | | | | | <u>ښ.</u> | - | 1.0 | 3,1 |
| ************************************** | | - | g : | | | | 极极 | 45 | 134 144 | (2) (2) | 经经 | <u>š</u> | -2 | 1 | | | 71 | , v | * | 10 p | ,/* | 77. | 1 | 34 | -,; | 99. | - |
| 遊 | | 23 | V | 3 | 3 27 | - | (A) | 10 | 1 | | 4.5 | - | ٠ ر | 3,7 | 4 | 4 | 72 73 | - | | 1 | 44. | 75% | 3,1 | | | - | 1 |
| 1 | | × | V. | , A | | | 37 | ~ | 17 | 34.4 | RG. | 3 A | μ. | 1 | | 1 , | 74 | | 4 | 1 | ^* | , , | 12. | | | ٠, | ┡ |
| 2.4 | | 5 | Ť | 1 | 10 | | 岭 | 100 | 7 | 3.6 | | 65 | | 1 | ٤ | 1 | 75 | | - | L | - | , | <u> </u> | - | ٠, | | - |
| | | 9 | ¥ | 30 | | | r e | | 離 | 3.5 | 110 | 4 | +- | | | * | 76 | | • | | F | H | | | | Ļ | / |
| 154 | 2 | | Ī. | 1 45 | | | 7.7 | | ryn: | - | | - | H | - | | <u>_</u> | 77 | Н | _ | 1 | - | , | | - | | | - |
| | 2 | | f | | | | Ť | ` | _ | | - | | Ι÷ | ' | | _ | 78 | - | _ | - | ٠, | | - | | H | | - |
| 7.33 | 2 | 9 | t. | 100 | 3 2 | 7 | v. | ۲. | _ | | - | , | H | 1 | | _ | 79 | | | H | | - | \vdash | | | Н | <u> </u> |
| 3 | 3 | ō | ķ | 7 19 | | _ | Ñ | • | | 7 | | - | H | ١, | 1 | 7- | 70 | Н | - | Ι. | - | - | \vdash | ÷ | - | - | H |
| 1.6 | 3 | 1 | V | | 1 | * | | ÷ | | ς. | | _ | 1 | - | | | 81 | | | | - | | - | \vdash | - | i i | H |
| 35 | (3 | ই ব | 7 | 48 | . 2 | 1 | (), | 55. | | • | | | Π | 1 | ٠ | Ų. | 82 | | ÷ | \vdash | Н | - | H | \exists | \exists | \vdash | - |
| S | 3 | 3 | Ĺ | 4 | | 7 | 3. | , 05. | ¥. | Ÿ. | 100 | 1. | 7.7 | 1 | ï | | 83 | | - | | ;; | • | | - | \neg | _ | - |
| 42 | 3 | | Γ | * | - | ٦, | | | į. | # · | | , | 9 | | - | ٠. | 84 | | ٠. | | -, | 7 | ٠, | 7 | Ť | \exists | - |
| * | 3 | | L | | 4. | 1 | | ef. | : , | | , , | | | | : [| 70 | 85 | | | | | | | 7 | 7 | \dashv | |
| 3 | 3 | _ | L | di | | | Ē, | , | Ţ. | à | 1 | r | Ŀ | | | | 86 | | | | _ | ٠, | | _ | ⋾ | \neg | |
| | 3 | | k | d. | 1 | _ | j) | . 1 | T_i | ٠. | 1 | ٠., | 4 | | [| | 87 | | | | | \neg | . , | 一 | ┪ | \neg | |
| Ą. | 3 | -14 | à | 10 | 1: | | ١. | 1.4 | ń, | <u> </u> | 4. | : | · | | .[| ,, | 88 | | | | · | | | П | ╌┃ | 7 | |
| | 3 | -11 | Œ. | | | Ŀ | \Box | ٠ | ă.î | 41 | • • • | ٠. | | | ٠Į | | 89 | | | | | | | | - | Л | |
| Ġ. | 4 | -44 | | * | νž | -1- | | ř., | 23 | | | | | | -[| | 90 | | | | | | • | | コ | 7 | |
| | 4 | | Ş | * | As a | | | . · | مرد | , b | | <i>i</i> | | | •[| | 91 | П | | | | | ╗ | | T | コ | · |
| \$ | 42 | | Z | 1.4 | 1 | Ŀ | 9: | - 1 | ¥. | * . | $\overline{\cdot \cdot}$ | Ů. | . 4 | | :[| | 92 | | | | _ | 7 | | . | ᆟ | 7 | |
| 1 | 4 | 3 4 | | \$3 | - | +- | | _ | <u> </u> | | ?`. | | Ť. | ٠,٠ | [| | 93 | | | | _1 | | | | ╗ | コ | |
| į,., | 4 | 4)) | 디 | | - | - | 1 | | | V 1. | | | | | | | 94 | J | | | コ | | | 寸 | 7 | ᄀ | ٠, |
| | | 1 | | | L | • | 4 | _ | $\overline{}$ | | | · | $\overline{}$ | • | | | 95 | \Box | · | | J | | J | _† | | 丁 | _ |
| | 4(| | Ц | · | | Ŀ | 1 | · | | \exists | \perp | | | | -[| \Box | 96 | $oldsymbol{\mathbb{I}}$ | | J | | | | ⇉ | \exists | | |
| | 47 | | Ł | • | Ŀ | Ľ | 4 | <u>.</u> | 4 | _ | \perp | _ | | • | L | _ | 97 | | \Box | J | | J | | | J | J | |
| ۳,۳ | 4 | L | | | L | 1 | 4 | _ | _[| \bot | _ | \bot | | | | → | 98 | I | _] | \Box | \Box | I | | | 1 | | |
| _; | 45 | 4 | Y | _ | Ŀ | Ļ | 4 | 4 | _ | 4 | _ | _ | | | L | _ | 99 | Д | \Box | \Box | \Box | | J | | J | I | |
| اب | 50 | Ц. | .1 | _ | _ | Ļ | | _1 | <u>.</u> | | _1 | اــــــــــــــــــــــــــــــــــــــ | _J | | L | | 00 | | \perp | | [| $\perp \Gamma$ | \perp | \perp I | \perp | $oldsymbol{\bot}$ | |

| ••• | •••• | • | •••• | ٠. ر | DJE | Ctt | d | | i. | - | . , | | | | Ċ | | | |
|------------|------|------|----------|---|----------|----------------|-----|--------------------|--------------|------|------------|---------------|-------------------------|-----|-----------|--|--|--|
| | | · | _ | _ | | | | - Igh hit was in I | | | | | | | | | | |
| | 1 | Cle | aim | Ŀ | ٠, | 1. | _ | : ۱۰ | D | ate | -47 | | <i>,</i> - | ŗŪ, | ; | | | |
| | 1 | 룡 | | l | 1 | | | | Ţ | Т | ·T. | :17 | 1 | 1 | | | | |
| | ľ | Fina | 후 | Ł | | - | Ì | | 1. | . ! | 1 | | | ŀ | 1 | | | |
| | L | Ϊ | ō | L | L | 1 | | | Ŀ | 1 |] | , , | 4 | 1 | | | | |
| | L | ٠. | 110 | 1 | 1 | L | ٠. | | Ι | | | | 1 | T | _ | | | |
| .* | L | ٠, | 112 | <u> </u> | L | 1 | | | Τ | | . 3 | • | ी | | _ | | | |
| - | L | 4 | 113 | 1 | Ŀ | [, | | | 7 | T | 1 | 1 | Ş | 4 | ٠, | | | |
| • | L | | 114 | | 144 | I | | , | | | 1 | 3.7 | _ | + | - | | | |
| | L | ٠. | 115 | <u> </u> | L | L | _ | , • | ŀ | . 25 | 7 | . 4 | | | 7 | | | |
| | L | - | 116 | <u> </u> | | Ŀ | | | L | | , , | 4 20 | _ | - | í, | | | |
| 1. | L | , | 117 | | | \mathbb{T}^2 | ŝ | j. | | (5) | | | | | | | | |
| * . | Ŀ | | 118 | , | 16 | Œ | .] | , | | 1. | 1 | 1 | i to | _ | _ | | | |
| ١. | L | | 119 | L. | | \perp | | | | 1- | 7 | 1 1 | | 1 | . , | | | |
| ÷ | Ŀ | - | 110 | | ŗ | | 7 | - | 1 | 1. | 4.7 | 1 % | | | ٠, | | | |
| ; | Ŀ | ١ | 111 | v | | | 1 | ٠, | | . 7 | 1 | | | - | Ī | | | |
| à, | Ŀ | : [| 112 | <u>.</u> . | | 4 | 4 | K | ŀ | 1 | X | | 1 1 | 1 | ं | | | |
| 1 | | | 113 | | | | | , | | 10 | 1 | - | 3 3 | | į. | | | |
| 1. | 1 | 1 | 114 | į, | ŕ | | | Ş | | ¢. | - | | _ | | Ž. | | | |
| | ž. | • | 115 | Ą | 33 | | | Þ | 4.5 | 3 | | 13 | _ | - | - 1 | | | |
| | ۶, | .: 1 | 116 | ٧., | | | 1 | J | 83 | | | 13 | | | | | | |
| 3 | | , | 117 | 74 | 17. | 3.4 | | Ŋ | | 17 | | | _ | | - | | | |
| | 7 | | 118 | 41 | . 11 | | T | | 7 | 100 | | | | 7. | - | | | |
| | | 1 | 119 | 7. | 1. | - | T | e i | 2 | | | | | - | 存 | | | |
| | 7 | | 20 | 1 | 1 | | | 1,, | Ų. | | | | - | | | | | |
| j. | | | | | | | Ť | 3 | 7.0 | | | | - | | | | | |
| 3 | - | + | _ | 31 | 1 | | ť | | 1 | | | | _ | | | | | |
| | b | - | _ | 4. | | | _ | 3 | 17.4 | - | | · 影 | | | | | | |
| | ÷ | - | | 7 | | ١. | t | - | | - | 1 | Į, | | • | _ | | | |
| | 1 | 4 | 25 | | ¢. | ., | t | ŗ. | X | 100 | | N. | | - | - | | | |
| | - | | 26 | ** | ÷ | 1- | ť | | Ť | 33. | | | | - | å | | | |
| 1 | ٠. | - | 27 | 57 | 1/2 | | † | ٦ | , 40 | | | - | - | - | ٠ | | | |
| 1 | | Ŧ. | 28 | | - | Н | t | · | ٠. | - 1 | 1 | - | - | 1 | | | | |
| ŀ | - | ٠. | 29 | 7. | | ╁╴ | ŀ | - | ۰. | 7, | | _ | 963 200 ³ | | - | | | |
| 1 | _ | - | 30 | - | | ├- | ╁ | \dashv | • | | -6.3 | Table Name | | | _ | | | |
| ł | _ | + | 31 | \dashv | | ├ | ۰ | \dashv | <u> </u> | - | | ** | | H | - | | | |
| ŀ | | - | 32 | | ٠. | H | ╁ | - | _ | | 1. | 12 Y | | ╁ | ᅥ | | | |
| ŀ | • | ┿ | 33 | . | - | | ╁ | + | ٠, | 7 | 5 | 23 | _ | ŀ | 4 | | | |
| ŀ | - | - | 33 34 | - | . 1** | \vdash | H | ا:- | | - | .4: | | H | 2 | 4 | | | |
| ł | • | + | 35 | \dashv | - | \vdash | ╁ | 4 | | Η- | ÷ | 3.0 | - | ŀ | \exists | | | |
| ŀ | ٠,٠ | Ŀ | 36 | ┥ | , | H | H | - | . | 23 | 1. 1. | Ç- | 1 | 1 | ្ | | | |
| ŀ | - | 4- | 37 | - | • | - | ┝ | + | 1 | (8 | 2.4 | 100 M | <u> </u> | 7 | 3 | | | |
| ŀ | | ٠. | 38 | ╛ | ٠. | \vdash | + | + | 300 | • 5 | 22% 80% | 37X | 37 | - | H | | | |
| ŀ | | ₩ | 39 | ┥ | <u>.</u> | - | H | | | - | | | <u> </u> | 3.0 | 1 | | | |
| ł | | - | - | ╁ | - | H | ٦ | 4 | | ¥ | 13.5 | 1 / | A | | 4 | | | |
| ŀ | - | ١- | 10 | | | _ | H | 4 | ⊹┥ | Ü | | 3 | * | | ۲ | | | |
| ŀ | | ľ | 41 | 4 | _ | Ľ. | L | 4 | بت | | 14 | 7 | 1 | × | | | | |
| F | | Ľ | 4 | -1 | _ | | Ľ | 4 | _ | • | | 57 | 12 | 3 | 4 | | | |
| ŀ | _ | 14 | - | 4 | _ | | Ľ | 4 | | - ' | 10 | * | 10- | 발 | _ | | | |
| L | _ | _ | 14 | 4 | _ | | L | 1 | | . ! | 24 | | | * | - | | | |
| F | | 14 | | 4 | | ٠. | L | 4 | | 4' | • • | | | ,7 | 4 | | | |
| F | | 14 | _ | 4 | _ | | L | 4 | _ | | 1 | | `` | Ŀ | 1 | | | |
| L | _ | 14 | _ | 4 | _ | | _ | 1 | _ | أب | | - 1 | 1 | 7 | 4 | | | |
| L | _ | 14 | | 4 | _ | | L | 1 | _ | _ | | | 1. 1 | | 1 | | | |
| ļ | | 14 | | 4 | _ | | | 1 | _ | _ | | | Ш | L | 4 | | | |
| 1 | | 15 | O | - 1 | - 1 | | | П | - 1 | I | | ŀ | ١. ا | ı | 1 | | | |

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)